

## TECHNICAL DATA SHEET

### JAYEM JNA 2039

#### JOINTING SHEET

##### Material Description

JAYEM JNA 2039 is a Non asbestos general purpose grade produced from combination of cellulose and Nitrile Butadiene Rubber (NBR). **Also available in Metallic grade.**

##### Colour

Green & White

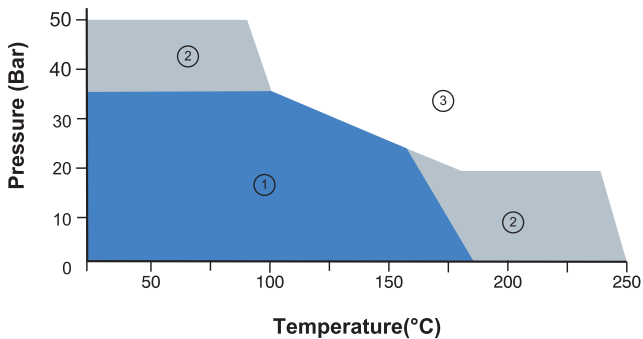
##### Application

Gasket material suitable for general purpose industrial & automotive application. Recommended for low operating conditions commonly used for oil, water & gases applications.

#### TYPICAL PHYSICAL PROPERTIES APPLICABLE FOR THICKNESS 1.5 MM

Description	Specification	Unit	Typical Value
Density	ASTM F 1315	gm/cm <sup>3</sup>	1.60 - 1.90
Tensile Strength	ASTM F 152	N/mm <sup>2</sup> (Min)	7
Compressibility	ASTM F 36 J	%	7 - 17
Recovery	ASTM F 36 J	%(Min)	40
Stress Relaxation/Residual Stress	BS 7531	Mpa (Min)	-
Gas Permeability	BS 7531	ml/min(Max)	1.0
ASTM Oil No 3/IRM 903 (5hrs 150°C)			
Thickness Increase	ASTM F 146	Max%	10.0
Weight Increase	ASTM F 146	Max%	15.0
ASTM Fuel B (5hrs 23°C)			
Thickness Increase	ASTM F 146	Max%	10.0
Weight Increase	ASTM F 146	Max%	15.0
Water (5hrs 100°C)			
Thickness Increase	ASTM F 146	Max%	10.0
Weight Increase	ASTM F 146	Max%	15.0
Ignition Loss	ASTM F 495	Max%	40.0

#### OPERATING PARAMETERS



Peak/Short Term Temperature	<b>250°C</b>
Continuous Temperature	<b>180°C</b>
Maximum Temperature for Steam	<b>120°C</b>
Maximum Pressure	<b>50 Bar</b>

##### Guidelines for application:

- ① Suitable subject to chemical compatibility.
- ② Suitable for short term temperature fluctuation or non critical application.
- ③ For extreme conditions, consult manufacturer.

#### SHEET DIMENSION

Available Size	1000 x 1000 mm, 1000 x 1500 mm, 1500 x 1500 mm, 1500 x 2000 mm, 1500 x 2250 mm, 1500 x 4500 mm
Thickness	0.30 mm to 5.00 mm